

**BY ORDER OF THE COMMANDER
56TH FIGHTER WING (AETC)**



AIR FORCE INSTRUCTION 11-301 VOLUME 1

**AIR EDUCATION AND TRAINING
COMMAND
Supplement**

**LUKE AIR FORCE BASE
Supplement**

6 DECEMBER 2011

Flying Operations

**AIRCREW FLIGHT EQUIPMENT (AFE)
PROGRAM**

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(Col Douglas R. Miller)

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This supplement implements and extends the guidance of Air Force Instruction (AFI) 11-301, Volume 1, Aircrew Flight Equipment (AFE) Program, 25 February 2009 and AFI 11-301, Volume 1 Aircrew Flight Equipment (AFE) Program, Air Education and Training Command Supplement 1, 18 August 2009. It establishes the 56th Fighter Wing (56 FW) Aircrew Flight Equipment (AFE) program. This supplement does not apply to Air Force Reserve Command (AFRC) and to Air National Guard (ANG) Units. It applies to 56 FW Pilots who fly in aircraft assigned to the 56 FW and all AFE personnel. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional's chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS) located at https://www.my.af.mil/gcss-af61a/afrims/afrims/rds_series.cfm

SUMMARY OF CHANGES

This document has been substantially revised and must be completely reviewed. Major changes include establishing local procedures for AFE Superintendent access to SIPR account access (paragraph 1.4.6.1); deletes the requirement for AFE personnel to have access to the 56 OSS/OSL CoP (1.4.7); specifies members of the wing Exercise Evaluation Team (EET) (paragraph 2.10.3); specifies requirements for each satellite AFE section to have a Cost Per Flying Hour (CPFH) government purchase cardholder (paragraph 2.10.7); standardizes 56 FW Advanced Concept Ejection Seat (ACES) configurations (2.10.9); identifies approved waiver for AFECT Emergency Egress Training granted by HQ USAF/A3O (2.10.14.2); identifies requirement for AFE Quality Assurance Evaluators (QAE) to maintain training records (paragraph, 2.11.21); deleted requirement for use of ALERTS for QA program management (paragraph, 2.12.1.1); reduced the number of QA special inspections, personnel evaluations and quality verification inspections required each month (paragraphs 2.12.12.1, 2.12.12.2, 2.12.12.3), deleted requirement to use Tool Accountability System for Composite Tool Kits (paragraph 3.8.1), deleted requirement for third-party certification for all training tasks (paragraph, 4.1.2.2), Added requirement for section NCOICs to send training stats to AFE Training (paragraph, 4.2.2.11)

1.3.2. 56 OG/CC is the overall waiver authority for this supplement. Squadron Commanders will route waiver requests through the 56 OSS/OSL AFE Officer/Superintendent (AFEO/S) and 56 OSS/CC for approval. All higher headquarters waiver requests will be routed in accordance with the guidance provided in the parent AFI and MAJCOM supplements.

1.4.2. Only the AFEO/S will contact HQ AETC/A3OL directly.

1.4.6.1. The AFES will maintain a SIPR account for classified communications. Access to this account will be provided by the 56 OG/OGI Intelligence section. Coordination for access to the Intelligence facility will be coordinated through the 56 OG/OGI Superintendent at x9019.

2.9.25. The 56 OG/CC will program funds into the operational and maintenance budget for the AFE MAJCOM Functional Manager to visit the 56 OSS/OSL function at least once every two years.

2.10.2. The primary appointed AFE Quality Assurance (QA) inspector will report directly to the AFEO/S for functional guidance. If available, a highly qualified 1P071 will be appointed to assist the primary QA inspector.

2.10.2.1. The primary AFE QA inspector will be rotated every 24 months. If available, the secondary QA inspector will be appointed for a minimum of 6 months.

2.10.3. The AFES, primary AFE QA inspector and Flight Chief will all be assigned as members of the wing EET.

2.10.7. At a minimum, each satellite AFE section will have a CPFH government purchase cardholder.

2.10.8. 56 FW AFE personnel may be used for duties outside of their functional expertise (ie., UDM, ESOH, Base Honor Guard) for a period not to exceed 365 days. If at any time the 56 FW AFE manning drops below 90% assigned versus authorized personnel, all personnel assigned to external duties will be reassigned to the AFE flight. All AFE personnel tasked for non-AFE

related duties lasting greater than five duty days will be coordinated through the 56 OG/CCC and the AFEO/S.

2.10.9. 56 FW Advanced Concept Ejection System II (ACES) survival kits will be configured with the items listed in Attachment 4 of this supplement.

2.10.14.2. HQ USAF/A3O-AT has granted the 56 FW enlisted AFECT instructors the authority to teach LL02-Emergency Egress, Ejection Seat Training in lieu of rated pilots. This waiver has been granted until the next rewrite of the basic publication unless revoked sooner by the granting authority. A copy of this waiver will be maintained in the 56 OSS/OSL ERM folder and the AFECT continuity binder.

2.11.3. 56 FW AFE will have one TODO, who will ensure each AFE section has a current file of publications and TOs. All AFE technicians will check and sign off read files weekly, as required. Section NCOICs will ensure all assigned technicians are familiar with all TOs pertaining to the equipment within their section. The TO, Message, and Read Fam files are located on the OSS/OSL DFS drive.

2.11.4. All AFE sections will utilize digital TOs to the maximum extent possible. Paper copy TOs will be maintained IAW TO 00-5-1. "For Reference Use Only" TOs will not be used for maintaining AFE.

2.11.21. AFE SNCOs assigned as AFE QA Evaluators will maintain training records.

2.11.22. All AFE SNCOs, AFE QA, and parachute/kit section NCOICs will subscribe to receive automated updates to the 784th Combat Sustainment Group Conventional Munitions Restricted Suspended listing.

2.12.2. No-notice inspections will be documented on an AF Form 2420, Quality Control Inspection Summary, or equivalent. Results of no-notice QA inspections will be posted in the QA folder in the OSS/OSL Common folder. Section NCOICs will post corrective actions for open discrepancies within one week of discovery date. Discrepancies will be corrected and annotated with TO or instruction reference for corrective action.

2.12.3. Monthly, section NCOICs or designated representative will track positive, negative, individual and shop trends utilizing QCI data from the AF form 2420s in the shop QA binder; any identifiable trend (three or more; shop or individual) will be annotated. NCOICs or designated representative will also compile a trend analysis report, Attachment 6 (Added), to summarize the month's trends. NCOICs will ensure the trend analysis report and the AF Form 2420s are documented and reviewed by all technicians. Maintain trend analysis data in a separate binder with a tab for each month of the year. Trend/QCI data and trend analysis reports will be filed within five duty days of the first day of each month and kept on file for 12 months.

2.12.3.1. (Added) If a technician continues to repeat a specific discrepancy for two consecutive months, the section NCOIC will provide the technician with feedback and additional training, if required. NCOICs will also document feedback/training provided in the technician's training record (TBA Journal Entry) and with a Memorandum for Record (MFR.) The MFR will be maintained for 12 months.

2.12.3.2. (Added) Monthly trend analysis data will be provided to the 56 OSS/CC using the 56 OSS/OSL QA slide show. AFE QA will provide this product to the 56 OSS AFES no later than the 5th duty day of each month.

2.12.6. AFE QA section will evaluate first article produced for all TCTOs to ensure proper compliance and ensure coordination through MXG/QA and 56 FW Plans and Scheduling, as required. QA will document acceptance of first article inspections on locally developed TCTO tracking sheets.

2.12.8.

Section N COICs will use the following approved IPI/CPI checklists:

2.12.8.1. (Added) ACES II Survival Kit, Attachment 7 (Added)

2.12.8.2. (Added) ACES II Parachute, Attachment 8 (Added)

2.12.8.3. (Added) Droque Chute, Attachment 9 (Added)

2.12.8. 4 (Added) LPU-38/P, Attachment 10 (Added)

2.12.10.

Section N COICs will maintain a copy of all approved locally designed tools in their respective CTK binders. Master copies will be maintained by the AFE QA office.

2.12.12. (Added) The AFE QA section will accomplish the following inspections on a monthly basis:

2.12.12.1. (Added) Special Inspections will be conducted on AFE programs and general housekeeping procedures. QA Inspectors will complete a minimum of 18 special inspections per month.

2.12.12.2. (Added) Personnel Evaluation inspections will consist of individuals performing a specific task. QA Inspectors will conduct a minimum of 10 personnel evaluations per month.

2.12.12.3. (Added) Quality Verification Inspections will provide final inspection on equipment that is task completed (finished product). QA Inspectors will perform a minimum of 14 quality verification inspections per month.

2.12.13. (Added)

Section Q quality Control Binders will be set-up as follows (section NCOICs are authorized to omit tabs that do not pertain to their section):

2.12.13.1. (Added) Tab A- Quality Control Inspector Appointment Letter

2.12.13.2. (Added) Tab B- Helmets/Masks

2.12.13.3. (Added) Tab C- Torso Harnesses

2.12.13.4. (Added) Tab D- G-Suits

2.12.13.5. (Added) Tab E- ACES II Survival Kits

2.12.13.6. (Added) Tab F- ACES II Parachutes/Droque Parachutes/Drag Parachutes

2.12.13.7. (Added) Tab G- Life Preservers

2.12.13.8. (Added) Tab H- Night Vision Goggles

2.12.13.9. (Added) Tab I- Anti-Exposure Suits

2.12.13.10. (Added) Tab J- Oxygen Connectors

2.12.13.11. (Added) Tab K- Pre/Postflight Inspections

2.12.13.12. (Added) Tab L- Outside Agencies

2.13.3. 56 OSS/OSL annual program assessment will be conducted no later than 30 April. Results will be forwarded to the 56 OG/CC for approval via electronic Staff Summary Sheet with an executive summary of findings. Approved results will be forwarded to all 56 FW flying squadron commanders.

2.14.5. (Added) Pilots will PCS with only their Joint Helmet Mounted Cueing System visor. Deviations to this policy will be coordinated with the AFES.

2.15.11.2. (Added) Local manufacture requests are approved only for technical directed or items source maintenance recovery (SMR) coded as local manufacture only. Contact the LRS Local Manufacture Supply point for assistance.

2.15.11.3. (Added) All requests for local manufacture must be approved by the Aircrew Flight Equipment Section Chief or designated representative(s). Requests must be accompanied with a sample item (preferred) or technical drawing. The local manufacturing section personnel will help in determining local manufacturing requirements as needed.

2.15.11.4. (Added) Once approved, all pieces/parts will be ordered by the requesting activity and delivered once all items are in hand to the manufacturing activity.

2.15.11.5. (Added) Local manufactured items will be completed in order of receipt and as soon as mission and manning allows.

2.15.19.

Section N COICs will conduct a self-assessment of their section within 30 days of being appointed as NCOIC and annually thereafter.

2.18.2.1. Helmet Mounted Device (HMD) Section NCOIC will coordinate with the Optometry clinic for annual eye exams for all NVG maintainers in March of each year. Documentation of this eye exam will be maintained in the HMD section as well as the member's AF Form 55, Employee Safety and Health Record.

3.7.6. An AF IMT 2420 will be used to document QCIs.

3.8.1.1. (Added)

Section C TK Monitors will follow the 56 FW routing and procedure checklist, AETC Form 138, Lost Tool or Item Investigation Record, any time a tool is lost.

3.8.1.2. Sections will utilize hardcopy sign in/out procedures. These procedures will include:

3.8.1.2.1. (Added) Documenting daily Opening/Closing inventory against the current MIL on AETC Form 1042, *CTK/Tool Checklist*.

3.8.1.2.2. (Added) Documenting lost or missing tools on an AF IMT 3131, *Missing/Removed Tools and Equipment Log*.

3.8.1.2.3. (Added) Documenting 90-Day Inspections and Annual Inspections on an AF Form 2411, *Inspection Document*.

3.12.1. Due to the lack of controlled munitions or weapons, 56 FW AFE sections are not required to have a resource protection Operating Instruction. All AFE technicians will ensure

pilferable items are secured in locked containers when not under the direct control of AFE personnel.

3.13.6. (Added) Cell phone use is not permitted in any section where maintenance of equipment is performed.

4.1.2.4. (Added) Supervisors/Trainers will document training progress using TBA Journal Entries, using the following intervals:

4.1.2.4.1. (Added) Monthly for technicians in Upgrade Training (UGT).

4.1.2.4.2. (Added) Quarterly for all others.

4.2.2.11. (Added) AFE section NCOICs will ensure updated training stats are sent to the AFE Training Section weekly for personnel in upgrade training and no later than the last Wednesday of the month for all others.

5.8.5. AFE is not responsible for updating pilot training in the Graduate Training Integrated Management System (GTIMS.)

5.9.4. AFECTs will update training equipment inspections using Flight Equipment Records Management System.

JERRY D. HARRIS, JR.
Brigadier General, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 11-301 Volume 1, *Aircrew Flight Equipment (AFE) Program*, 25 February 2009

AFI 11-301 Volume 1, Air Education and Training Command Supplement, *Aircrew Flight Equipment (AFE) Program*, 18 Aug 2009

AFMAN 33-363, *Management of Records*, 1 March 2008

Technical Order 00-5-1, *AF Technical Order System*, 1 May 2011

Adopted Forms

AETC Form 138, *Lost Tool or Item Investigation Record*

AETC Form 1042, *CTK/Tool Checklist*

AF Form 2411, *Inspection Document*

AF Form 2420, *Quality Control Inspection Summary*

AF IMT 3131, *Missing/Removed Tools and Equipment Log*

AF Form 55, *Employee Safety and Health Record*.

AF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

ACES— Advanced Concept Ejection System

AFE— Aircrew Flight Equipment

AFECT— Aircrew Flight Equipment Continuation Training

AFI— Air Force Instruction

AFMAN—Air Force Manual

AFEO— Aircrew Flight Equipment Officer

AFES— Aircrew Flight Equipment Superintendent

ALERTS— Automated Life Sustaining Equipment Records Tracking System

AFRC— Air Force Reserve Command

ANG— Air National Guard

CC— Commander

CoP— Community of Practice

CPFH— Cost Per Flying Hour

CPI— Critical Points Inspection

CTK— Composite Tool Kit

EET— Exercise Evaluation Team
ERM— Electronics Records Management
ESOH— Environmental Safety and Occupational Health
FW— Fighter Wing
GTIMS— Graduate Training Integration Management System
HMD— Helmet Mounted Device
IAW— In Accordance With
IPI— In-Process Inspection
LPU— Life Preserver Unit
LRS— Logistics Readiness Squadron
MAJCOM— Major Command
MFR— Memorandum for Record
MXG— Maintenance Group
NCOIC— Noncommissioned Officer
NVG— Night Vision Goggle
OG— Operations Group
OSS— Operations Support Squadron
PCS— Permanent Change of Station
QA— Quality Assurance
QAE— Quality Assurance Evaluator
QCI— Quality Control Inspection
SIPR— Secure Internet Protocol, Routed
SMR— Source Maintenance Recovery
SNCO— Senior Noncommissioned Officer
TBA— Training Business Area
TCTO— Time Compliance Technical Order
TO— Technical Order
TODO— Technical Order Distribution Office
UDM— Unit Deployment Manager
UGT— Upgrade Training

Attachment 4

AIRCREW FLIGHT CLOTHING AND EQUIPMENT REQUIREMENTS

A4.2. (Added)

Requirements. Table A4.2 (Added) provides a standard configuration of Advanced Concept Ejection Seat (ACES) II Survival Kits.

56 FW

Table A4.1. (Added) ACES II Survival Kit Configuration.

Auxiliary Container

Item	Quantity	Remarks
PRC-90-2 W/ Battery Installed	1	Note 1, Note 2
Spare Battery	1	Note 1
Compass	1	
Signal Mirror	1	Note 1
Mk 12/124 Signal Flares	2	Note 1
A/P25S-5A, Personnel Distress Kit	1	Note 1
Post-Landing Checklist	1	
Sponge	1	
Whistle	1	

Main Rucksack

Survival Pamphlet, AFTTP (I) 3-2.26	1	
AA Batteries	2	
Combat Blanket	1	
First Aid Kit	1	Note 1, Note 3
Flashlight	1	
Leatherman Tool	1	
Matches w/ Case	1	
Raft Repair Kit	1	
Sea Dye Marker	1	
Sponge	1	
Survival Blanket	1	
Tourniquet	1	Note 1
Water Bottle	1	
Flexpack Water	10	

Note 1- These items will be tied into the survival kit IAW TO14S1-3-51.

Note 2- The radio volume will be set to the max position and marked with white out on the volume control knob for quick reference.

Note 3- The 56 FW will use only the medical portion of the first aid kit.

Attachment 6 (Added)

MONTHLY TREND ANALYSIS FINDINGS



DEPARTMENT OF THE AIR FORCE
56TH OPERATIONS SUPPORT SQUADRON (AETC)
LUKE AIR FORCE BASE ARIZONA

DATE

MEMORANDUM FOR 56 OSS/OSL

FROM: 56 OSS/OSL -- [your squadron] (i.e. 309th AFE)

SUBJECT: TREND ANALYSIS REPORT FOR [month / year]

1. The following trends were noted for [month / year].

a. Helmets / Masks

(1) No Trends noted on the helmet. We do need to pay closer attention to the EAL and its condition. Also, note that the Velcro is different between the TPL and Zeta liner.

b. Torso Harnesses

(1) No trends were noted. Pay closer attention to the tacking and signing off the triple nickels on the MS2000.

c. G-suits

(1) No trends noted.

d. ACES II Survival Kits

(1) Trends were noted on the radio for not turning down the volume, zip lock bags being ripped, and 17 discrepancies for NL 555's not having the proper battery info and not being signed off after inspection. Please pay closer attention to your work. No trends noted.

e. ACES II Parachutes (Recovery, Droque, Drag)

(1) Tackings worn and loose.

f. LPU-38/P Life preserver

(1) No trends noted.

g. Night Vision Goggles (NVG)

(1) No trends noted.

h. Exposure suits

(1) No trends noted.

i. Oxygen Connectors

(1) No trends noted.

j. Outside Agencies

(1) No trends noted.

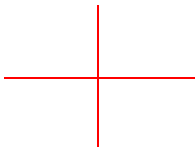
2. The following individual trends were noted for [month / year]:

No individual trends were noted for the month

3. Everyone is doing a great job of improving the quality of our equipment. Technicians need to pay closer attention to detail on forms documentation (ALSMS, AFTO 334, AFTO 391 and NL 555). Keep up the good work everyone!

[NCOIC NAME], TSgt, USAF
NCOIC, XX FS AFE

Monthly Technician Review (initial below):



Attachment 7

(ADDED)

Critical Points Inspection / In-process Inspection Checklist

Table A7.1. (Added) Critical Points Inspection / In-process Inspection Checklist

Kit Serial Number:

Date Started:

Date Completed:

Components	Reference	WUC	CPI/IPI Inspector
Radio is inspected and documented on 555?	31R2-2PRC90-1, para 5.10.B	LRA00	
Battery is installed and documented on 555?	31R2-2PRC90-1 para 5-10	LRA19	
Radio is off?	31R2-2PRC90-1 Table 5.1 Step 4	LRA00	
Radio Volume is at highest setting and white out to verify?	Local Policy	LRA00	
Radio antenna marked to verify weight test accomplished?	31R2-2PRC90-1 para 5.38	LRA00	
Radio earpiece superglued and etched with X to verify?	31R2-2PRC90-1 para 5.34 (2)	LRA00	
Beacon inspected and documented on 555?	31R4-2URT44-11 4.6.	91AF0	
Beacon is off?	31R4-2URT44-11 4.1 NOTE	91AF0	
Beacon battery installed?	31R4-2URT44-11 5.4.	91AF0	
Beacon battery cover torque?	31R4-2URT44-11 5.4.5.	91AF0	
BIT test c/w and verified by a 7-Level and their initials? _____	31R4-2URT44-11 para 5.1.2.	91AF0	
All new/changed components information updated?	14S1-11-3 Para 8.25	SKA99	
All time change items good through next inspection?	14S1-11-3 para 8.24	SKA00	
DOI info marked on cutter?	11P10-6-7 WP 070 section 5	SKA50	
Prefolding Screening	Reference	WUC	CPI/IPI Inspector
Floor and spray shield oral inflation valves open and ¼ turn closed?	14S-102-11 para 7.3 step b	LAR08	
Main tube oral inflation valve closed and locked?	14S-102-11 para 7.3 step c	LAR08	
LRU 16/P Life Raft	Reference	WUC	CPI/IPI Inspector
Raft stenciled initial/365/func and date inspected? DOM:	14S-1-102-11 para 5.5.6	LAR01	

Date of Inspection: Initial: 365D: Functional:	14S-1-102-11 para 5.6	LAR01	
Next Functional due date:	14S-1-102-11 Table 5-6	LAR01	
CO2 cylinder weight checked and initialed?	14S-1-102-11 para 5.5.5	LAR06	
Raft sea anchor properly installed?	14S-1-102-11 para 6.8.2	LAR11	
Raft S/N:	14S-1-102-11 Table 5-6	LAR01	
Raft Contract Number:	14S-1-102-11 Table 5-6	LAR01	
Raft folded using method 4?	14S-1-102-11 figure 7-4	LAR01	
Lanyard installed on neck of bottle?	14S1-3-51 para 3-2.3 step g (4)	SKA09	
Universal adapter installed?	14S-1-102-11 para 7.3 step i	LAR06	
Bottle properly Torqued?	14S-1-102-11 para 7.4.1 step i	LAR06	
Swag ball properly attached to bottle?	14S-1-102-11 para 7.4.1 step g	LAR06	
Raft bottle cam at 90 degree angle?	14S-1-102-11 para 7.4 step f	LAR06	
Adapter clip installed correctly?	14S-1-102-11 para 7.4.a step h	LAR06	
Lanyard connected to survival kit and rucksack	14S1-3-51 para 3-2.3 step g	SKA09	
Lanyard safety tied?	14S1-3-51 figure 3-5	SKA09	
All required components installed?	AFI 11-301V1 LAFB Sup table A4.1	SKA00	
Kit Closure	Reference	WUC	CPI/IPI Inspector
Cutter actuator lanyard connected, safety tied, and taped?	14S1-11-3 para 5-7	SK08	
Cutter properly installed?	14S1-11-3 para 7-2	SKA55	
Retaining ring properly installed?	14S1-11-3 para 7-2	SKA55	
Locking cord routed correctly and tacked?	14S1-11-3 para 8-9	SK08	
Manual ripcord pin safety tied?	14S1-11-3 para 8-11	SKA02	
Beacon rocker switch installed?	31R4-2URT44-11 5.2.1 step 6	SKA41	
Beacon (URT-44) rocker switch safety pin installed?	31R4-2URT44-11 5.2.1 step 8	SKA41	
Beacon set to 3-BCN (MAJCOM Option)?	31R4-2URT44-11 5.2.1 step 5	91AF0	
Beacon antennas properly installed?	31R4-2URT44-11 4.3 and 5.2.1 step 11; 12 and 14	91AF0	
Beacon USB port dust cap installed?	31R4-2URT44-11	SKA41	
ALSMS updated and one copy printed?	14S1-11-3 para 8-25	SKA99	
AFTO Form 1574 properly annotated?	14S1-11-3 para 8-25	SKA99	
IMDS updated and 701, 257 printed?	14S1-11-3 para 8-25	SKA99	
JSETS updated and 7-level verified?	31R4-2URT44-11 5.2.1 step 2	91AF0	
7-Level Initials: _____			

Attachment 8 (Added)

ACES II PARACHUTE (WUC PCT00) IN-PROCESS INSP. CHECKLIST
REF: T.O. 14D3-10-1

RIGGER _____ PARA # _____
7 LEVEL _____ CANOPY S/N _____
DATE PACKED _____

IPI INIT/EMP #IPI STEPS

PRIOR TO AIRING THE CANOPY		WUC	
Reference			
_____	SUSPENSION LINE CONTINUITY CHECK	PCT11	(Pg 3-8, Para 3-14.2f)
_____	VERIFY S/N, LOT #, DOM, DOI AND P/N'S	PCT01	
_____	ON ALL INSTALLED TIME CHANGE ITEMS	PCT02	
_____		PCT11	(Pg 1-2, Para 1-11 and 1-12)
_____	ENSURE PROPER ROUTING OF REEFING LINE	PCT99	(Pg 3-14, Para 3-14.5, CAUTION)
_____	REEFING LINE SPLICE AND TACKINGS		
_____	AND ENSURE PROPER CORD IS USED	PCT99	(Pg 3-14, Para 3-14.5
_____	NOTE and Steps c, d)		
_____	VERIFY CORRECTNESS OF FOUR LINE JETTISON		
_____		PCT11	(Pg 2-22, Para 2-39.2s 1-6)
_____	CONTAINER INSPECTION	PCT04	(Pg 1-10.2, Para 1-24.1-9)
_____	CLEARANCE OF AIR CHANNEL	PCT01	(Pg 3-14, Para 3-14.6j)
References Reviewed by TSgt Lacey, 7 Jun 11.			
AFTER STOWING THE SUSPENSION LINES			
_____	CHECK LENGTH OF LOCKING STOW	PCT11	(Pg 3-26,
_____	CHECK LENGTH OF STOWS	PCT11	(Pg 3-26.1, step l)
_____	CHECK LENGTH OF REMAINING LINES	PCT11	(Pg 3-26.1, step m)

Discrepancies

Re QC

ACES II QC CHECKLIST
REF: T.O. 14D3-10-1

PILOT CHUTE: WUC: PCT03

Serviceability of locking loop	(Pg 1-2.5, Para. 8)
Pack Opening Bands (POB) are crimped and tacked	(Pg 3-18.2, 9 u,v)
<u>UWARS:</u> WUC: PCA22	
Proper installation	(Pg 2-44.2, Para 2-52)
Proper part number 1814-017-02 and "02F"	(Pg 1-12.1, 2nd WARNING)
BIT test functions properly	(Pg 1-12.1, Para 1-26.12)
<u>RISER:</u> WUC: PCT02	
Rollers for ease of operation	(Pg 1-12, Para 1-26.1)
Four-Line Jettison handle tackings	(Pg 3-12, Fig 3-8)
Release pin tackings	(Pg 3-33, para 17 step o)
Bungee serviceability and correctness: WUC: PCT13	(Pg 3-36 Fig 3-29)
Riser stowage tackings and connector link placement	(Pg 3-29, Para 3-14a-g, Para 3-15b, Pg 3-30, Fig 3-24, a-d)
<u>LOCKING STOWS:</u> WUC: PCT11	
Proper length	(Pg 3-29, para 3-14n)
Positioning of excess lines	(Pg 3-31, Fig 3-25, d)
<u>CROSS CONNECTOR STRAP:</u> WUC: PCT02	
Proper stowage	(Pg 3-32, Para 3-16a)
Tackings	(Pg 3-32, Para 3-16b)
<u>CUTTERS AND PRIMARY FIRING LANYARDS:</u> WUC: PCT10	
Ensure cutter does not extend ½" above collar	(Pg 3-22, Para 3-14.12, e, NOTE)
Four tackings on firing lanyards	(Pg 3-22, Para 3-14.11e-h)
Tape on McMahon Snaps	(Pg 3-20, Para 3-11d)
Ring installation over cutters	(Pg 3-20, Para 3-11a)
<u>PISTOL TUBES:</u> WUC: PCT06	
Cleanliness	(Pg 1-11, Para 1-24.4)
Straightness	(Pg 1-11, Para 1-24.5)
<u>MORTAR TUBE:</u> WUC: PCT08	
Cracks and scratches	(Pg 1-11, Para 1-25.3)
O-ring lubrication: WUC: PCT16	(Pg 1-11, Para 1-25.2)
<u>CONTAINER:</u> WUC: PCT04	
Condition of filler	(Pg 1-11, Para 1-24.3)
Overall container condition	(Pg 1-10.2, Para 1-24)
Teflon rub strips	(Pg 2-6, Para 2-15, step 1-10)
<u>DOCUMENTATION:</u> WUC: PCT00	
Accuracy of 391, 392, ALSMS, IMDS 701 & 257	(General)

QC SIGNATURE _____

Attachment 9 (Added)

ACES II DROGUE(WUC: PCU00) IN-PROCESS INSP. CHECKLIST
REF: T.O. 14D1-3-316

RIGGER_____ 7 LEVEL _____
SQUADRON_____ AIRCRAFT S/N _____
DATE PACKED_____ CANOPY S/N _____

IPI INIT/EMP #	IPI STEPS	
	WUC	Reference
_____	ROUTING OF STATIC LINE PIN THROUGH PCU03 LOOP "Y" OF DEPLOYMENT YOLK	
PCU05	(Pg 3-2, Para 3.6, Warning)	
_____	VERIFY "S" LOOP THROUGH "R" LOOP	
	SAFETY TIE IN DISCONNECT PIN PCU04 (Pg 3-3, Para 3.6, 1.)	
_____	ENSURE DISCONNECT PIN LANYARD IS	
	RIGGED WITH 12" OF SLACK PCU04 (Pg 3-10, Para 3.6, 1, p.)	
_____	VERIFY ROUTING OF TOWLINE LOCK TAB	
	THROUGH SEAT STRUCTURE LOOP ON TOP PCU99 (Pg 4- 11, Para 4.7, n, warning)	
_____	INSERT TIELINE LOOP THROUGH STATIC	
	LINE LOOP, SAFETY TIE (WAXED FF NYLON) PCU99 (Pg 4.12, Para 4.7, t.)	

REMOVED ITEMS

Old item	P/N #	S/N	DOM	DOI	DOE
Canopy	_____	_____	_____	_____	_____

ACES II DROGUE QA CHECKLIST
REF: T.O. 14D1-3-316

QA STEPS		WUC
REFERENCE		
Ensure protective sleeve tabs on riser legs	PCU06	
are not between drogue severance cutters	97EAB	(Pg 4-5, Para. 4.7, WARNING)
Retaining door nut flush with door latch	12EBO	(Pg 4-13, al.)
Right Riser leg tackings to seat structure (8/4)	PCU06	(Pg 4-13, am.)
Location of Environment sensor hose	12EHB	(Pg 4-11, WARNING
Before step p.)		
DOCUMENTATION: WUC PCU00		
Accuracy of IMDS 701		
(General)		
QA SIGNATURE_____		
References Reviewed by TSgt Lacey, 7 Jun 11.		

Attachment 10 (Added)

Table A10.1. (Added) Life Preserver and Inspection and Component Record .

Life Preserver and Inspection and Component Record								
Type	Part #		Stock #					
LPU-38/P	0115200-1		4220-01-510-8555					
Container Information								
Part #	Serial #		DOM	DOI				
Life Preserver Cell Information								
Part #	L-Inner Cell Serial #		DOM	DOI				
115230-1								
Part #	R-Outer Cell Serial #		DOM	DOI				
115240-1								
Inflator (Left)								
Type	Serial #	Lot #	DOM	DOI	DOE			
Inflator (Right)								
Type	Serial #	Lot #	DOM	DOI	DOE			
Battery (Left)								
Type	MFG	Lot #	DOM	DOI	DOE			
Battery (Right)								
Type	MFG	Lot #	DOM	DOI	DOE			
Inspection Record								
Due Inspection	Date Inspected	Type of Inspection	Inspected By	I.P.I. # 1	I.P.I. # 2			Q.C. By
Technical Orders						T.C.T.O		
T.O.	Date	Change #	Date	TCTO #	Date C/W	Initials		
14S-1-102-31	1 Nov 03							
11P10-6-7	13 Jan 04							
In Process Inspections for LPU-38/P								
1	<ul style="list-style-type: none"> - Inflator assembly service life verification (TO 11P10-6-7) WUC: LPJ10 - Battery service life verification (TO 14P10-6-7) WUC: LPJ40 - Bladder information verification (Stencil/Serial #) WUC: LPL11 - Inflator o-rings installed properly (CO2/Bottom gasket) (TO 14S-1-102-31Para 6.2.2) WUC: LPJ10 							
2	<ul style="list-style-type: none"> - Battery voltage test (TO 11P10-6-7) WUC: LPJ40 - Assembly of Inflatable Assemblies Into Inflation Shell Assy. (TO 14S-1-102-31Para 6.2.1) WUC: LPL11 - Ensure the oral lock valve is locked closed and the valve is in the retainer loop. (TO 14S-1-102-31Para 6.2.2) WUC: LPL11 - Check the inflation assembly to ensure that there is no cloth trapped between the actuation device and the manifold valve. (TO 14S-1-102-31Para 6.2.1) WUC: LPL11 - Route lower attachment straps from Exterior Cover through retaining loops on Inflation Shell followed by the Exterior Cover Grommet 							

	(TO 14S-1-102-31Para 6.4) WUC: LPL11						
QC	<table><tr><td>- Ensure all packing aids are accounted for (zipper slider/keep straps) (14S-1-102-31)</td><td>WUC: LPL00</td></tr><tr><td>- Chest strap buckles and collar adapter assembly properly installed (14S-1-102-31)</td><td>WUC: LPL03, LPL06</td></tr><tr><td>- Records updating AFTO Form 466B & computer generated forms (14S-1-102-31)</td><td>WUC: LPL00</td></tr></table>	- Ensure all packing aids are accounted for (zipper slider/keep straps) (14S-1-102-31)	WUC: LPL00	- Chest strap buckles and collar adapter assembly properly installed (14S-1-102-31)	WUC: LPL03, LPL06	- Records updating AFTO Form 466B & computer generated forms (14S-1-102-31)	WUC: LPL00
- Ensure all packing aids are accounted for (zipper slider/keep straps) (14S-1-102-31)	WUC: LPL00						
- Chest strap buckles and collar adapter assembly properly installed (14S-1-102-31)	WUC: LPL03, LPL06						
- Records updating AFTO Form 466B & computer generated forms (14S-1-102-31)	WUC: LPL00						